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DECEMBER 16, 1999

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CHRISTIE, PARKER & HALE, LLP  
VINCENT G. GIOIA  
P.O. BOX 7068  
PASADENA, CA 91109-7068



\*101159698A\*

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UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 09/27/1999

REEL/FRAME: 010270/0988  
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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

DEAN, NANCY F.

DOC DATE: 08/20/1999

ASSIGNOR:

EMIGH, ROGER A.

DOC DATE: 09/02/1999

ASSIGNOR:

PINTER, MICHAEL R.

DOC DATE: 08/20/1999

ASSIGNOR:

SMITH, CHARLES

DOC DATE: 09/13/1999

ASSIGNOR:

KNOWLES, TIMOTHY R.

DOC DATE: 08/24/1999

ASSIGNOR:

AHMADI, MANI

DOC DATE: 08/24/1999

ASSIGNOR:

ELLMAN, BRETT M.

DOC DATE: 08/24/1999

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COPY

010270/0988 PAGE 2

ASSIGNOR:  
SEAMAN, CHRISTOPHER L.

DOC DATE: 08/24/1999

ASSIGNEE:  
JOHNSON MATTHEY ELECTRONICS, INC.  
EAST 15128 EUCLID AVENUE  
SPOKANE, WASHINGTON 99216

ASSIGNEE:  
ENERGY SCIENCE LABORATORIES, INC.  
6888 NANCY RIDGE DRIVE  
SAN DIEGO, CALIFORNIA 92121

SERIAL NUMBER: 09333564  
PATENT NUMBER:

FILING DATE: 06/21/1999  
ISSUE DATE:

KIMBERLY WHITE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

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10-01-1999



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SEP 19 2000 Docket No. 34806/VGG/J104



Box Assignment  
Commissioner of Patents and Trademarks  
Washington, D.C. 20231

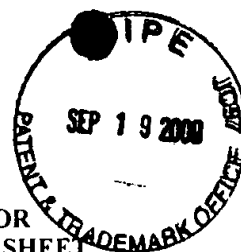
Post Office Box 7068  
Pasadena, CA 91109-7068

Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof:

<p>1. Name of conveying party(ies): <i>11180 9-27-99</i></p> <p>(1) Nancy F. Dean (2) Roger A. Emigh (3) Michael R. Pinter (4) Charles Smith</p> <p>Additional name(s) of conveying party(ies) attached: Yes</p>		<p>2. Name and address of receiving party(ies):</p> <p>Name: Johnson Matthey Electronics, Inc.</p> <p>Street Address: East 15128 Euclid Avenue, Spokane, Washington 99216</p> <p>Additional name(s) &amp; address(es) attached? Yes</p>	
<p>3. Name of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment      <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement      <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:</p> <p>Execution Date: (1), and (3) August 20, 1999; (5), (6), (7), and (8) August 24, 1999; (2) September 2, 1999; and (4) September 13, 1999</p>		<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is:</p> <p>A. Patent Application No.(s) 09/333,564</p> <p>B. Patent No.(s)</p> <p>Additional numbers attached? No</p>	
<p>5. Please return the recorded document and address all correspondence to:</p> <p><b>CHRISTIE, PARKER &amp; HALE, LLP</b> P.O. Box 7068 Pasadena, CA 91109-7068 Attention: Vincent G. Gioia</p>		<p>6. Total number of applications and patents involved..... <b>one</b></p>	
<p>10. <input type="checkbox"/> Explanatory letter is enclosed.</p>		<p>7. <input checked="" type="checkbox"/> Total fee enclosed (37 CFR 3.41): \$ 40.00</p> <p>8. <input checked="" type="checkbox"/> Any deficiency or overpayment of fees should be charged or credited to Deposit Account No. 03-1728, except for payment of issue fees required under 37 CFR § 1.18. Please show our docket number with any credit or charge to our Deposit Account.</p>	
<p>9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</p> <p>Date: September 17, 1999</p> <p>By <i>Vincent G. Gioia</i> Name: Vincent G. Gioia 626/795-9900</p> <p>I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: COMMISSIONER OF PATENTS AND TRADEMARKS, WASHINGTON, D.C. 20231 ON <i>9-27-99</i> <i>Vincent G. Gioia</i> (DATE SIGNED)</p> <p>Total number of pages including cover sheet, attachments, and document: <b>10</b></p>			

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BJE IRV22958 1-9/16/99 12 11 pm



Docket No. 34806/VGG/J104

CONTINUATION SHEET FOR  
RECORDATION FORM COVER SHEET

This Continuation Sheet relates to

PATENTS

<b>1. Name of conveying party(ies):</b> (5) Timothy R. Knowles (6) Mani Ahmadi (7) Brett M. Ellman (8) Christopher L. Seaman	<b>2. Name and address of receiving party(ies):</b> Energy Science Laboratories, Inc. 6888 Nancy Ridge Drive San Diego, California 92121
<b>4. A. Applications</b>	<b>4. B. Patents/Registrations</b>

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BJE IRV22959.1-\*9/16/99 12:07 pm

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## ASSIGNMENT

WHEREAS, WE, **Nancy F. Dean, Roger A. Emigh, Michael R. Pinter, and Charles Smith**, residing at 1827 South Liberty Drive, Liberty Lake, Washington 99019; 6051 Frazier, Post Falls, Idaho 83854; East 504 Midway Road, Colbert, Washington 99005; and 2915 Sunset Hills Road, Escondido, California 92025, respectively, have invented certain new and useful improvements disclosed in an application for United States Letters Patent entitled **COMPLIANT FIBROUS THERMAL INTERFACE**, Application No. 09/333,564, filed June 21, 1999.

AND WHEREAS **Johnson Matthey Electronics, Inc.**, a Washington corporation, having a place of business at East 15128 Euclid Avenue, Spokane, Washington 99216 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said improvements and application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to said improvements, and said application and all divisions and continuations thereof, and all United States Letters Patents which may be granted thereon and all reissues, reexaminations and extensions thereof, and all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, divisions, extensions, renewals, substitutes, and reissues thereof) granted for said improvements in any foreign countries; and we hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that we will communicate to ASSIGNEE any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements in all countries.

ASSIGNMENT  
Docket No. 34806/VGG

Joint

IN TESTIMONY WHEREOF, I hereunto set my hand this 20th day of August, 19 99.

Nancy F. Dear  
Nancy F. Dear

STATE OF Washington )  
COUNTY OF Snohomish )

On 8/20/99, before me Amy Gettings, Notary Public, personally appeared she personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that here executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Amy Gettings  
Signature of Notary

\*\*\*\*\*

IN TESTIMONY WHEREOF, I hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_.

Roger A. Emigh  
Roger A. Emigh

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ )

On \_\_\_\_\_, before me \_\_\_\_\_, Notary Public, personally appeared Roger A. Emigh personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature of Notary

\*\*\*\*\*

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ASSIGNMENT  
Docket No. 34806/VGG

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IN TESTIMONY WHEREOF, I hereunto set my hand this 11/11 day of \_\_\_\_\_, 19 \_\_\_\_.

\_\_\_\_\_  
Nancy F. Dean

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ )

On \_\_\_\_\_, before me \_\_\_\_\_, Notary Public, personally appeared she personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that here executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature of Notary

\*\*\*\*\*

IN TESTIMONY WHEREOF, I hereunto set my hand this 2 day of September, 19 99.

Roger A. Emigh  
Roger A. Emigh

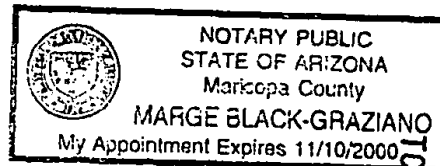
STATE OF ARIZONA )  
COUNTY OF MARICOPA )

On 9/2/99, before me MARGE BLACK-GRAZIANO, Notary Public, personally appeared Roger A. Emigh personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Marge Black-Graziano  
Signature of Notary

\*\*\*\*\*



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Dock t No. 34806/VGG

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IN TESTIMONY WHEREOF, I hereunto set my hand this 20th day of August, 19 99.

Michael R. Pinter  
Michael R. Pinter

STATE OF Washington )  
COUNTY OF Spokane )

On 8/20/99, before me Amy Gettings, Notary Public, personally appeared **Michael R. Pinter** personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Amy Gettings  
Signature of Notary

\*\*\*\*\*

IN TESTIMONY WHEREOF, I hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_.

\_\_\_\_\_  
Charles Smith

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ )

On \_\_\_\_\_, before me \_\_\_\_\_, Notary Public, personally appeared **Charles Smith** personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature of Notary


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Docket No. 34806/VGG

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IN TESTIMONY WHEREOF, I hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_.

  
Michael R. Pinter

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ )

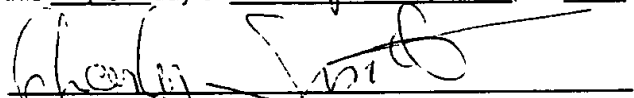
On \_\_\_\_\_, before me \_\_\_\_\_, Notary Public, personally appeared Michael R. Pinter personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature of Notary

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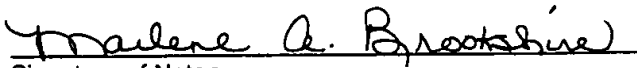
IN TESTIMONY WHEREOF, I hereunto set my hand this 13 day of September, 19 99.

  
Charles Smith

STATE OF North Carolina )  
COUNTY OF Davidson )

On September 13, 1999, before me Marlene A. Brookshire, Notary Public, personally appeared Charles Smith personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

  
Signature of Notary

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